

INTELLIGENCE REPORT

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SUBJECT Rumanian Factories and Economic Production

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1. "Astra-Vagoane" Brasov Factory

There are 8,000 employees working on a Russian order for 4,000 railway cars and railway tank cars. During 1946 this factory reconstructed 360 railway cars for the Rumanian railways. The factory also produced 325 tank cars and 117 new railway cars of the four axle Russian type. Another workshop, employing 1200 workers, is manufacturing pumps and other equipment for the Russian petroleum industry.

- ## 2. "Astra-Arad" Factory

About 80 percent of this factory has been restored. During 1946, the factory repaired and reconstructed 500 cars for Rumanian railways, manufactured 120 new railway cars of the 2 and 4 axle type and built 200 new railway cars of the 4 axle type for the USSR.

- ### 3. "Astra-Orastie" Factories

Chemico-pharmaceutical products are manufactured by these factories.

4. Titan-Madrag-Calan S.A. United Metallurgical Factories

The above factories integrate their production. The "Titan" in Galatz, "Nadrag" in Severin, "Calan" in Hunedoara and the Teliuc Mines of Hunedoara employ about 6,500 workers. Their combined manufacturing capacity is as follows:

Ore	82,000 tons
Smelting	22,000 tons
Black plate	52,000 tons
Zinc plate	30,000 tons
Tin plate	5,000 tons
Laminated steel	50,000 tons
Laminated steel (cold)	6,500 tons

- ### 5. "Resita" Factories

These factories have interests in forestry concessions, made up of four carpenter and construction shops, and coal, iron, and manganese mines. The production for 1946 totalled 100,000 tons of coal and 40,000 tons of ore. The

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- 2 -

factories employ 25,000 and produces goods for the USSR as well as rolling stock for Rumania.

The metallurgical workshops for these factories are composed of the following:

- 1 coke furnace annual production of 90,000 tons
- 2 foundries annual production of 120,000 tons
- 1 steel mill annual production of 250,000 tons
- 1 steel mill (mechanical) annual production of 15,000 tons

The mechanical workshops are composed of:

- 1 machine factory
- 1 locomotive factory
- 1 mounted wheel factory
- 1 bridge factory
- 1 machine tool factory
- 1 electric motor factory
- 1 agricultural machines factory

The combined annual production capacity for the factories are as follows:

- 100 locomotives
- 2000 tons of assorted machines
- 15000 tons of metal bridges
- 6000 tons of agricultural machines

Production during 1946 was reported to be:

- 24 new locomotives
- 4,961 pairs of wheels for railway cars
- 7,900 tons of structural steel for bridges
- 25,000 pump handles
- 150 electric motors
- 10 stationery steam engines
- 10,000 tons of laminated, forged and turned material for the Malaxa, Wolf, Vulcan, Lemaitre, ^{and} Astra workshops.

6. The Hunedoara Iron Works (UFH), which is owned by the State, has factories which are composed of:

- 5 blast furnaces with an annual capacity of 175,000 tons
- 4 "Siemens-Martin" furnaces with an annual capacity of 90,000 tons
- 2 electric furnaces for the production of steel for tools, chrome, and tungsten, with an annual capacity of 10,000 tons
- 1 rolling mill with an annual capacity of 100,000 tons
- 1 foundry (regular and special casting) with an annual capacity of 10,000 tons
- 1 foundry for pipes (steel manufactured in electric furnaces; special and alloy steel) with annual capacity of 2,000 tons
- 1 workshop manufacturing agricultural tools with an annual capacity of 600 tons

In addition to the above-indicated units which produce commercial goods, there are the following:

- A central electric plant with a capacity of 25,000 horsepower
- A dolomite workshop, producing 3,000 tons per year

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A shop for the manufacture of tile from scoria, with a production of 3,000,000 pieces per year
 An oxygen producing plant
 Limestone, ballast and stone quarries, with an annual production of 40,000 cubic meters

The Hunedoara factories use about 70 percent of the national iron ore resources. The ore compares in quality with that of Sweden.

Production during the month of October 1946 (when work was resumed) was as follows:

Casting	2,275 tons
Ingot steel	1,980 tons
Laminated steel	1,400 tons
Cast pipes	152 tons
Cast pieces	75 tons
Steel pieces	26 tons
Agricultural tools	20 tons
Forged pieces	25 tons
Manufactured parts	125 tons
Metal constructions	20 tons

7. La Vallee du Jui or the Petrosani Society is composed of coal mines (Lupeni Aninoasa, Petrila, Doicesti), gold mines (Baia Mare, Maramures), and forests (Sibat, Petrila).

The Lupeni coal mines can wash coal at the rate of 300 tons per hour.

The Petrila mines have a capacity of 270 tons per hour

The Petrosani Society has central electric plants in Vulcan, Lupeni and Baia Mare.

In addition to coal production, the Petrosani Society has many workshops for the construction and repair of its necessary equipment. The central workshop with 658 employees prepares the mechanical installations necessary for the mines and other interests.

The technical workers of the Petrosani Society for 1946 were as follows:

Vallee de Jui

Underground:	engineers	24
	technicians	365
	other employees	3,542
Surface :	engineers	31
	technicians	265
	administrators	546
	other employees	5,152

Doicesti

Underground:	engineers	1
	technicians	11
	other employees	284
Surface :	engineers	1
	technicians	3
	administrators	19
	other employees	327

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